GOVERNMENT OF INDIA
RAILWAYS
LOK SABHA

STARRED QUESTION NO:156
ANSWERED ON:09.12.2015
GIS Mapping of Rail Routes
Adsul Shri Anandrao ;Shrirang Shri Chandu Barne

Will the Minister of RAILWAYS be pleased to state:

(a) whether the Railways has joined hands with the Indian Space Research Organisation to get online satellite images for improving safety and enhancing efficiency and if so, the details thereof;

(b) whether the Railways has conducted an exercise of GIS (Geographical Information System) mapping of the entire rail route and assets including buildings, land, workshops and other facilities; and

(c) if so, the details of the benefits accrued/likely to accrue to the Railways as a result thereof?

Answer

MINISTER OF RAILWAYS
(SHRI SURESH PRABHAKAR PRABHU)

(a) to (c): A Statement is laid on the Table of the House.
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STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (c) OF STARRED QUESTION NO. 156 BY SHRI ANANDRAO ADSUL AND SHRI SHRIRANG APPA BARNE TO BE ANSWERED IN LOK SABHA ON 09.12.2015 REGARDING GIS MAPPING OF RAIL ROUTES

(a): No, Madam. Railways have yet not joined hands with Indian Space Research Organisation (ISRO) to get online satellite images for improving safety and enhancing efficiency.

However, Railways needs satellite imaging to be used as background for asset mapping and ISRO has been requested for the same.

(b): No, Madam. Railways have so far not done Geographical Information System (GIS) based mapping of its entire assets. This work is at Pilot stage and planning has been done for mapping of all Railway assets. A work for GIS based mapping of assets of Railways have been included in the Works Programme at a cost of ` 36.24 crore.

(c): Following are the likely benefits of GIS mapping:-
(i) Better management of assets and decision making.

(ii) Improved communication between all stakeholders and customers.
(iii) Better record keeping.